CLAIMS

Please amend the claims as follows:

1.   (Currently Amended) An access terminal, comprising:

transceiver means adapted for high rate packet data communications;

session information identification means for providing a location of session information for a current data communication session, wherein the location <u>of session</u> information identifies a storage location external to ~~the mobile station~~ <u>the access terminal, wherein an element comprising the storage location assigns the location of session information as an access terminal identifier</u>.

2.   (Original) The access terminal as in claim 1, wherein the location of the session information is identified by a first Internet Protocol (IP) address.

3.   (Original) The access terminal as in claim 2, wherein the transceiver means is further adapted to receive the location of session information and provide the location of the session information to the session information identification means.

4.   (Currently Amended) The access terminal as in claim 1, wherein the session information identification means comprises:

session information determination means adapted to receive the location of the session information; and

~~mobile station~~ <u>an access terminal</u> identifier generator, wherein the ~~mobile station~~ <u>access terminal</u> identifier generator uses the location of session information as ~~a mobile station~~ <u>an access terminal</u> identifier.

5.   (Currently Amended) The access terminal as in claim 4, wherein the ~~mobile station~~ <u>access terminal</u> identifier generator provides a pointer to the location of session information.

6. (Currently Amended) The access terminal as in claim 4, wherein the ~~mobile station~~ access terminal identifier generator provides an initial random identifier prior to receiving the location of the session information.

7. (Original) The access terminal as in claim 6, further comprising:

a processor adapted to initiate an access request, wherein the access request initiates a session.

8. (Currently Amended) The access terminal as in claim 4, wherein the ~~mobile station~~ access terminal identifier generator provides a compressed version of the location of session information.

9. (Original) The access terminal as in claim 8, wherein the location of session information is identified by an Internet Protocol (IP) address wherein the IP address is constructed using the compressed version of the location.

10. (Currently Amended) The access terminal as in claim 9, wherein the ~~mobile station~~ access terminal identifier generator provides a portion of the IP address as ~~a mobile station~~ an access terminal identifier.

11. (Original) The access terminal as in claim 10, wherein the portion of the IP address is locally unique within a current portion of a communication system.

12. (Currently Amended) A method for a communication session in a wireless communication system supporting Internet Protocol (IP) communications, the method comprising:

receiving a request for a first communication session;

establishing the first communication session;

storing session information for the first communication session in a first location;

determining a session information IP address to the first location; and

assigning the session information IP address to a mobile station identifier for an access terminal participant to the first communication session, wherein an element comprising the first location assigns the session information IP address as the mobile station identifier.

13.   (Original) The method as in claim 12, wherein the mobile station identifier includes a color code corresponding to a portion of the wireless communication system.

14.   (Original) The method as in claim 13, wherein the color code is a compressed version of a sector identification value.

15.   (Currently Amended) Apparatus in a communication session in a wireless communication system supporting Internet Protocol (IP) communications, the apparatus comprising:

     means for receiving a request for a first communication session;

     means for establishing the first communication session;

     means for storing session information for the first communication session in a first location;

     means for determining a session information IP address to the first location; and

     means for assigning the session information IP address to a mobile station identifier for an access terminal participant to the first communication session, wherein an element comprising the first location assigns the session information IP address as the mobile station identifier.

16.   (Currently Amended) A method for a communication session in a wireless communication system supporting Internet Protocol (IP) communications, the method comprising:

     receiving a message from an access terminal, the message including a mobile station identifier;

     extracting a session information IP address from the mobile station identifier, wherein the session information IP address is assigned as the mobile station identifier by an element comprising a storage location of session information;

requesting session information using the session information IP address;

receiving the session information; and

processing the communication session with the access terminal.

17.   (Currently Amended) The method as in claim 16, ~~wherein the session information IP address is a compressed value,~~ the method further comprising:

extracting a compressed version of a session information IP address from the mobile station identifier;

mapping the compressed session information IP address to a full IP address; and

generating an IP packet using the full IP address.

18.   (Currently Amended) An apparatus for a communication session in a wireless communication system supporting Internet Protocol (IP) communications, the apparatus comprising:

receiving a message from an access terminal, the message including a mobile station identifier;

extracting a session information IP address from the mobile station identifier, wherein the session information IP address is assigned as the mobile station identifier by an element comprising a storage location of session information;

requesting session information using the session information IP address;

receiving the session information; and

processing the communication session with the access terminal.

19.   (Currently Amended) The apparatus as in claim 18, ~~wherein the session information IP address is a compressed value,~~ the apparatus further comprising:

extracting a compressed version of a session information IP address from the mobile station identifier;

mapping the compressed session information IP address to a full IP address; and

generating an IP packet using the full IP address.

20.   (Currently Amended) The apparatus as in claim 19, wherein the compressed ~~value~~ session information IP address is locally unique within a portion of the wireless communication system.

21.   (Currently Amended) A session holder in a wireless communication system supporting Internet Protocol (IP) communications, the session holder being assigned an IP address, the session holder comprising:

      receiver for receiving a request message, the request message having a destination portion identifying the ~~element~~ session holder;

      memory storage unit for storing session information for a first session;

      transmitter for sending a response to the request message, the response including at least a portion of the session information for the first session; and

      wherein the session holder assigns the destination portion as a mobile station identifier.

22.   (Currently Amended) An infrastructure element in a wireless communication system supporting Internet Protocol (IP) communications, the element having an IP address, the element comprising:

      receiver for receiving a communication from an access terminal, the communication including a mobile station identifier;

      processor coupled to the receiver, the processor determining a session holder IP address from the mobile station identifier, wherein the session holder IP address is assigned as the mobile station identifier by a session holder comprising a storage location of session information; and

      means for sending an IP request for the session information of the communication with the access terminal, wherein the IP request uses the session holder IP address as a destination address.